

Attorney's Docket No.

As a below-named inventor, I hereby declare that:



My residence, post office address and citizenship are as stated below next to my name;

I BELIEVE I AM THE ORIGINAL, FIRST AND SOLE INVENTOR (if only one name is listed below) OR AN ORIGINAL, FIRST AND JOINT INVENTOR (if more than one name is listed below) OF THE SUBJECT MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTION ENTITLED:

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE;

I ACKNOWLEDGE THE DUTY TO DISCLOSE TO THE OFFICE ALL INFORMATION KNOWN TO ME TO BE MATERIAL TO PATENTABILITY AS DEFINED IN TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (as amended effective March 16, 1992);

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application(s) on which priority is claimed:

COMBINED DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No.

COUNTRY/INTERNATIONAL	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
Japan	2000-258286	29/August/2000	YESX NO_
			YES_ NO_
			YES_ NO_
			YES_ NO_
·			YES_ NO_
		•	YES_ NO
William L. Mathis 17,337 Robert S. Swecker 19,885 Platon N. Mandros 22,124 Benton S. Duffett, Jr. 22,030 Norman H. Stepno 22,716 Ronald L. Grudziecki 24,970 Frederick G. Michaud, Jr. 26,003 Alan E. Kopecki 25,813 Regis E. Slutter 26,999 Samuel C. Miller, III 27,360 Robert G. Mukai 28,531 George A. Hovanec, Jr. 28,223 James A. LaBarre 28,632 E. Joseph Gess 28,510 R. Danny Huntington 27,903	Eric H. Weisblatt James W. Peterson Teresa Stanek Rea Robert E. Krebs William C. Rowland T. Gene Dillahunty Patrick C. Keane B. Jefferson Boggs, Jr. William H. Benz Peter K. Skiff Richard J. McGrath Matthew L. Schneider Michael G. Savage Gerald F. Swiss		34,040 31,979 III 36,341 36,084 hnessy 32,784 or 36,075 y 32,236 ein 34,456
Address all correspondence to:	Burns, Doane, Swed P.O. Box 1404 Alexandria, Virginia 2	EXER & MATHIS, L.L.P.	
21839 Address all telephone calls to:	·		at (703) 836-6620.
I hereby declare that all statements mad and belief are believed to be true; and f ments and the like so made are punishal States Code and that such willful false s thereon.	orther that these statements were and the state of the st	nade with the knowledge tha th, under Section 1001 of Ti	t willful false state- tle 18 of the United
FULL NAME OF SOLE OR FIRST INVE	NTOR SIGNATUR	ie wki Myake	DATE April 18, 2002
RESIDENCE Tokyo, Japan	, , , ,	CITIZENSHIP	Japanese
POST OFFICE ADDRESS	o MITSUBISHI DENKI KA ni 2-chome, Chiyoda-ku, Tol	BUSHIKI KAISHA, kyo 100-8310 Japan	

COMBINED DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No.

WILL MANG OF SECOND	JOINT INVENTOR, IF ANY	SIGNATURE		DATE
Akio MATSUI	JUMI MYEMIOK, IF AMI	Akio Matsu	;	April 18, 2002
RESIDENCE		AKIO MAISU	CITIZENSHIP	
RESIDENCE	Tokyo, Japan		V1111111111111111111111111111111111111	Japanese
POST OFFICE ADDRESS	c/c MITSTIRT	SHI DENKI KABUS	HIKI KAISHA	
	2-3, Marunouchi 2-chome, (Chiyoda-ku, Tokyo 1	00-8310 Japa	n
	IOINT INVENTOR, IF ANY	SIGNATURE Yuj Nak	N. san	DATE April 18, 2002
Yuji NAKAHARA		7 COY = 1V NR		
RESIDENCE	Tokyo, Japan		CITIZENSHIP	Japanese
POST OFFICE ADDRESS	c/o MITSUBIS 2-3, Marunouchi 2-chome, C	SHI DENKI KABUSI hiyoda-ku, Tokyo 10	HKI KAISHA, 00-8310 Japan	
FULL NAME OF FOURT	H JOINT INVENTOR, IF ANY	SIGNATURE	· - ^	DATE
Yasuyuki NAKAN	ISHI	Yasayuki Chak	combo	April 18, 2002
RESIDENCE	/ T		CITIZENSHIP	Japanese
	Tokyo, Japan			
POST OFFICE ADDRESS	c/o MITSUBIS 2-3, Marunouchi 2-chome, C	SHI DENKI KABUSI Shiyoda-ku, Tokyo 10	HIKI KAISHA 00-8310 Japan	1
FULL NAME OF FIFTH	IOINT INVENTOR, IF ANY	SIGNATURE		DATE
Akira HASHIMOT	О .	Akira Hachimot	ð	April 18, 2002
RESIDENCE	Tokyo, Japan		CITIZENSHIP	Japanese
TOOT OFFICE ADDRESS		TOTAL	l	
POST OFFICE ADDRESS	c/o MITSUBISHI DENKI KAR 2-3, Marunouchi 2-chome	BUSHIKI KAISHA, , Chiyoda-ku, Tok	yo 100-8310	Japan
FULL NAME OF SIXTH	JOINT INVENTOR, IF ANY	SIGNATURE	. 1	DAIE
Masaya MOTOHAS	SHI -	Masayo Mo	rtohashi _	April 18, 2002
RESIDENCE	Tokyo, Japan	/	CITIZENSHIP	Japanese
POST OFFICE ADDRESS				
POST OFFICE ADDRESS	c/o MITSUBISHI DENKI KA 2-3. Marunouchi 2-chome	BUSHIKI KAISHA,	vo 100-8310	Japan
FILL NAME OF SEVEN	7-3, Marunouchi 2-choile ITH JOINT INVENTOR, IF ANY	SIGNATURE	<u>yo 100 0319</u>	DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRES	S			
FULL NAME OF EIGHT	TH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
PESTORNOS			CITIZENSHIP	
RESIDENCE				
POST OFFICE ADDRES	SS .			
FULL NAME OF NINT	H JOINT INVENTOR, IF ANY	SIGNATURE		DATE
200053165			CITIZENSHIP	
RESIDENCE			CITIZALI	
POST OFFICE ADDRES	SS			
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Attorney's Docket No.

ASSIGNMENT (JOINT)

The second series in the serie	Nobuaki M	MYAKE, A	kio M	ATSUI,	Yuji N	AKAHARA,	
THIS ASSIGNMENT, by Yasuyuki NAKANISHI, Akira HA	SHIMOTO					and	1
Masaya MOTOHASHI		residing at		Toky	o, Japar	1	-
			<u> </u>			A .:	-
and Tokyo, Japan		(hereina	fter re	ferred to	as "the	Assignors")	•
respectively, witnesseth:							
WHEREAS, the Assignors see the attachment	s have inven	ted certain	new a	nd usef	ul improv	vements in forth in ar	u
application for Letters Patent of the U herewith; [3] which is a non-provisiona date herewith prior to filing of applica and filed on	al application ation; [] bea	ring Applic ; and	ation N	lo		CG [CG G G I G I G I G I	••
MITS!	UBISHI DE	NKI KABI	USHIE	I KAIS	HA		J
WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA a corporation duly organized under and pursuant to the laws of Japan and having principal place of business at 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan principal place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan place of business at 3-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan place							
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entire right, title, and interest in an inventions and the entire right, title applications for Letters Patent of the application, and in and to any Letters therefor and thereon.	and interest	in and to a	sec con	ntries c	aiming f	priority to sai	id

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Application Serial No.	
Attorney's Docket No.	

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of BURNS, DOANE, SWECKER & MATHIS, L.L.P. of Alexandria, Virginia, to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date ,	April	18,	2002	_ Name of Assignor _	nobuski miyeke
Data	April	18,	2002	Name of Assignor_	Nobuaki MIYAKE Akio Matsui Akio Matsui
				Name of Assignor _	ARIO MAISUI Yugi Nakahana
Date	April	18,	2002	Name of Assignor	
Date	April	18,	2002	Name of Assignor _	Yuji NAKAHARA Yasayubi Makeulu Yasuyuki NAKANISHI
Date	April	18,	2002	Name of Assignor_	Alara Hashimuto
Date	April	18,	2002	Name of Assignor_	Akira HASHIMOIO Masaya Motohashi
					Masaya MOTOHASHI
Date				Name of Assignor_	
Date				Name of Assignor_	